

**F.NO. 3-1/2009-NCFC – E&S**  
**GOVERNMENT OF INDIA**  
**MINISTRY OF AGRICULTURE**  
**DEPARTMENT OF AGRICULTURE & COOPERATION**  
**(NATIONAL CROP FORECASTING CENTRE)**

Room no. 344-A, Krishi Bhawan  
New Delhi, Dated: 23<sup>rd</sup> July, 2009

**SUBJECT: MINUTES OF THE MEETING OF THE CROP WEATHER WATCH GROUP HELD  
ON 17.07.2009.**

*Summary observations of the Group on Agenda Item*

- *Cumulative rainfall received for the country as whole, during the period 1<sup>st</sup> June to 15<sup>th</sup> July, 2009 was 220.5 mm which is 27% below the L.P.A. Rainfall received (% departure from normal) in the four broad divisions of the country during the above period was (-43%) in North-West India, (-15%) in Central India, (-12%) in South Peninsula and (-40%) in North-East India.*
- *Rainfall was Excess/normal in 14 met sub-divisions, deficient in 20 met sub-divisions and scanty in 2 met sub-divisions.*
- *In 81 important water reservoirs monitored by CWC in different parts of the country, total live storage has increased from 16.00 BCM on 09.07.2009 to 20.73 BCM on 16.07.2009.*
- *Sowing of Kharif crops has gained momentum. As on 17.07.2009, area sown at All-India level (all Kharif crops taken together) was 480.32 lakh ha. (46% of the normal area) which is 44.5 (9%) lakh ha. less than the area coverage of last year in the corresponding period.*
- *The incidence of pests & diseases generally remained below Economic Threshold Level (ETL) for most of the crops.*
- *The all-commodity inflation rate based on Wholesale Price Index (WPI) on a point to point basis for the week ending 04.07.2009 increased to -1.21% from the previous week's level of -1.55%. The inflation rate was 12.19% during the corresponding period of last year.*
- *The inflation rate for foodgrains based on WPI for the week ending 04.07.2009 decreased to 12.63% from the previous week's level of 12.92%. Among the foodgrains, inflation for Pulses has increase to 17.28% from the previous week's level of 16.76% and Rice has decreased to 14.59% from the previous week's level of 14.95%, Wheat to 6.31% from the previous week's level of 7.20% and Cereals to 11.94% from the previous week's level of 12.32%*

- *The inflation for non-food items increased to –3.73% from the previous week’s level of –3.81% and food items has decreased to 7.91% from the previous week’s level of 8.45%.*
- *All-India progressive procurement of Wheat as on 17.07.2009 was 251.42 lakh tonnes which is much higher than the procurement of 225.44 lakh tonnes in the corresponding period of last year.*
- *All-India progressive procurement of Rice as on 17.07.2009 was 316.55 lakh tonnes which is much higher than the procurement of 265.05 lakh tonnes in the corresponding period of last year.*

## Salient aspects of discussions / presentations in the meeting

### **Rainfall & Temperature (As reported by India Meteorological Department, (IMD))**

#### Monsoon Season Rainfall (June - September) during the week ending on 15<sup>th</sup> July, 2009

- **Southwest monsoon was active/vigorous** over Konkan & Goa, Coastal & South Interior Karnataka and Saurashtra & Kutch during many days of the week.
- **Widespread/fairly widespread rain/thundershowers** occurred over Kerala and Telangana and **scattered to fairly widespread rain/thundershowers** occurred over East Rajasthan, Gujarat region, Madhya Maharashtra, Marathwada, North Interior Karnataka and Coastal Andhra Pradesh during many days of the week. **Active/vigorous monsoon** condition prevailed over these sub-divisions for one or two days. **The activity was isolated to scattered** over remaining parts of South & West India, Lakshadweep and Andaman & Nicobar I
- slands during many days of the week.
- **Southwest monsoon was active/vigorous** during many days over Orissa. Widespread/fairly widespread rainfall also occurred over Gangetic West Bengal and Jharkhand during many days of the week.
- **Fairly widespread rainfall** occurred over Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh and Assam & Meghalaya during first half of the week. The activity decreased thereafter **with isolated to scattered rainfall** over these sub-divisions. **Isolated to scattered rainfall** also occurred over remaining parts of East & Northeast India during many days of the week.
- **Scattered to fairly widespread rain/thundershowers** occurred over Vidarbha and Chhattisgarh during first half of the week. The **activity** increased thereafter with **active/vigorous monsoon** conditions.
- **The rainfall activity gradually** increased over Northwest India during the week. **Scattered to fairly widespread rain/thundershowers** occurred over West Uttar Pradesh, Uttarakhand, Himachal Pradesh and Punjab during many days of the week and **isolated to scattered rainfall** occurred over remaining parts of Northwest India during many days of the week.
- Out of 36 meteorological sub-divisions, **rainfall during the week** was excess / normal in 18 met sub-divisions and deficient / scanty in 18 met sub-divisions.
- Out of 36 meteorological sub-divisions, **cumulative rainfall (1<sup>st</sup> June to 15<sup>th</sup> July, 2009)** was in excess / normal in 14 and deficient / scanty in 22 sub-divisions met sub-divisions.

**Table-1: Weekly and Cumulative Rainfall in four regions of the country <sup>1</sup>**

Region	Week Ending (15.07.09)				Cumulative (01.06.09 to 15.07.09)			
	(in mm)		Devi. (%)	Cat.	(in mm)		Devia- tion (%)	Cate- gory
	Actual	Normal			Actual	Normal		
<b>North-West India</b>	<b>36.3</b>	<b>50.8</b>	<b>-28</b>	<b>D</b>	<b>91.7</b>	<b>161.6</b>	<b>-43</b>	<b>D</b>
<b>Central India</b>	<b>124.8</b>	<b>74.9</b>	<b>67</b>	<b>E</b>	<b>275.6</b>	<b>324.3</b>	<b>-15</b>	<b>N</b>
<b>South Peninsular India</b>	<b>53.1</b>	<b>46.5</b>	<b>14</b>	<b>N</b>	<b>229.7</b>	<b>262.0</b>	<b>-12</b>	<b>N</b>
<b>North-East India</b>	<b>40.2</b>	<b>101.3</b>	<b>-60</b>	<b>S</b>	<b>341.0</b>	<b>567.5</b>	<b>-40</b>	<b>D</b>
<b>Country as a whole</b>	<b>70.0</b>	<b>66.1</b>	<b>6</b>	<b>N</b>	<b>220.5</b>	<b>300.8</b>	<b>-27</b>	<b>D</b>

E: Excess, N: Normal, D: Deficient, S: Scanty, NR: No Rain.

Source: India Meteorological Department, New Delhi

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1. North-west India - Uttar Pradesh, Rajasthan, Haryana, Chandigarh and Delhi, Punjab, Uttarakhand, Himachal Pradesh, and Jammu and Kashmir.  
Central India - Madhya Pradesh, Chhattisgarh, Maharashtra and Gujarat  
South Peninsula - Andhra Pradesh, Karnataka, Tamil Nadu & Pondicherry, Kerala and Lakshadweep.  
North-east India - Bihar, Jharkhand, Orissa, West Bengal, Sikkim, Assam, Arunachal Pradesh, Meghalaya, Nagaland, Manipur, Mizoram, Tripura, and Andaman and Nicobar Islands.

## ***Weather Outlook / Forecast for the period 16<sup>th</sup> - 22<sup>nd</sup> July, 2009 by IMD***

### **Outlook for the Week Ending 22<sup>nd</sup> July, 2009**

- *A fresh low pressure area is likely to form over the Northwest Bay of Bengal around 19<sup>th</sup> July, 09.*
- *Widespread rainfall activity with isolated/scattered heavy to very heavy rains likely along the West coast.*
- *Fairly widespread rainfall activity is likely to continue over many parts of Central and adjoining East and South Peninsular India.*
- *Scattered/fairly widespread moderate rainfall activity likely over Northeastern States.*
- *Scattered rainfall activity likely over Northwest India during first half and increase in activity likely in second half of the week.*
- *Reduce rainfall activity likely over South-East Peninsula.*

### ***Warning:***

- ***Heavy to very heavy rainfall at a few places with isolated extremely heavy falls (>25cm) over Gujarat State, Konkan & Goa, Coastal Karnataka and Kerala during next 48 hours..***
- ***Isolated heavy to very heavy rainfall over Madhya Maharashtra, West Madhya Pradesh and South Rajasthan during next 24 hours.***

### **Zone-wise Weather Forecast:**

#### ***North-West India (J&K, HP, Uttaranchal, Punjab, Haryana, Delhi, West UP)***

- *Rain/thundershowers at many places over South Rajasthan.*
- *Rain / thundershowers at a few places over North Rajasthan, Himachal Pradesh, Uttarakhand, Punjab, Haryana & Delhi and Uttar Pradesh during next 48 hours and increase thereafter.*
- *Isolated rain/thundershowers over Jammu & Kashmir.*

#### ***East India (East UP, Bihar, Jharkhand, West Bengal & Sikkim, Orissa)***

- *Rain/thundershowers at many places over Orissa and West Bengal & Sikkim during next 24 hours and increase thereafter..*
- *Rain/thundershower at a few places over Bihar and Jharkhand during next 48 hours and increase thereafter.*

#### ***North-East India (Arunachal Pradesh, NMM&T, Assam & Meghalaya)***

- *Rain/thundershowers at many places over the region.*

***South India (Tamil Nadu, AP, Kerala, Karnataka, Andaman & Nicobar Islands, Lakshadweep)***

- *Rain/thundershowers at most places over Coastal Karnataka, Andaman & Nicobar Islands, Kerala and Lakshadweep.*
- *Rain/thundershowers at a few places over North Coastal Andhra Pradesh and Telengana during next 24 hours and increase thereafter.*
- *Rain/thundershowers at a few places over the rest region.*

***West India (Maharashtra, Other than Vidarbha, Gujarat, Rajasthan)***

- *Rain/thundershowers at most places over Konkan & Goa and Gujarat State.*
- *Rain/thundershowers at many places over Madhya Maharashtra.*
- *Rain/thundershowers at a few places over Marathawad.*

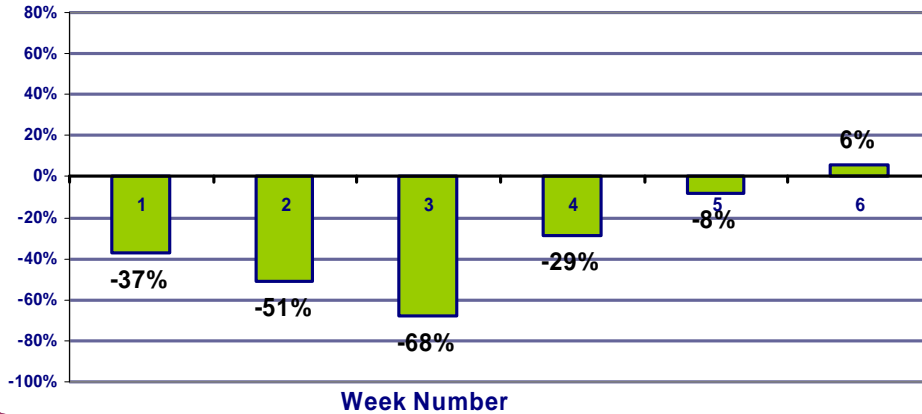
***Central India (MP, Chhattisgarh, Vidarbha)***

- *Rain/thundershowers at many places over Madhya Pradesh.*
- *Rain/thundershowers at a few places over rest region during next 48 hours and increase thereafter.*

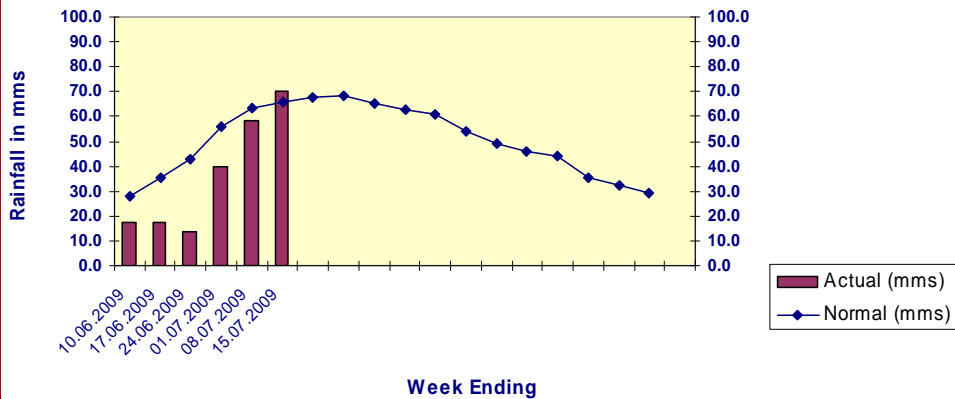


### Weekly Percentage Rainfall Deviation from Normal(LPA)- All India

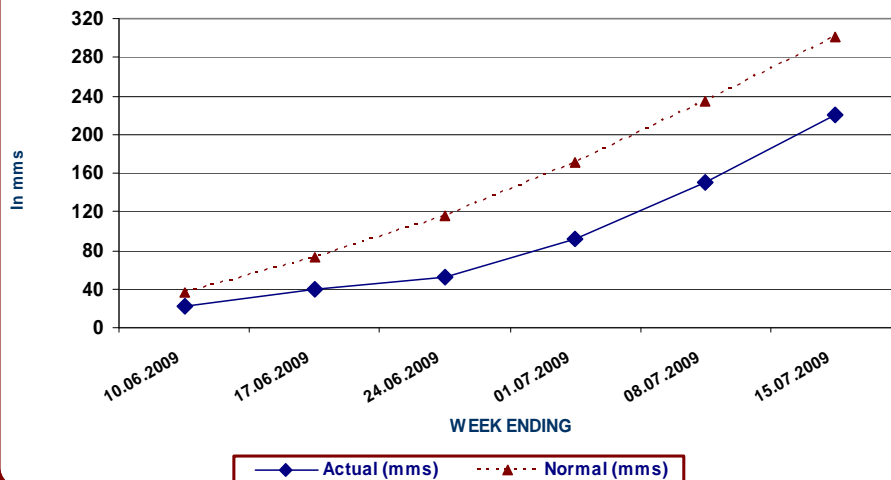
(Monsoon 2009 - from 01.06.2009 to 15.07.2009)



### Weekly Rainfall Distribution in Monsoon 2009 - All India



### Trend of All India Cumulative Rainfall Actual vs Normal in Monsoon 2009



## Reservoir Status (For the week ending on 16.07.2009)

- The **Central Water Commission** monitors the live storage of **81** important/major reservoirs, having capacity at Full Reservoir Level (FRL) of **151.77** billion cubic meters (BCM), which is about 67% of total reservoir capacity in the country.
- Water stock in 81 major reservoirs **increased** to 20.73 BCM. Current storage is less than the last year's position of 42.81 BCM and the average of last 10 year's storage of 37.80 BCM.

**Table – 3: For 81 major reservoirs of the country**

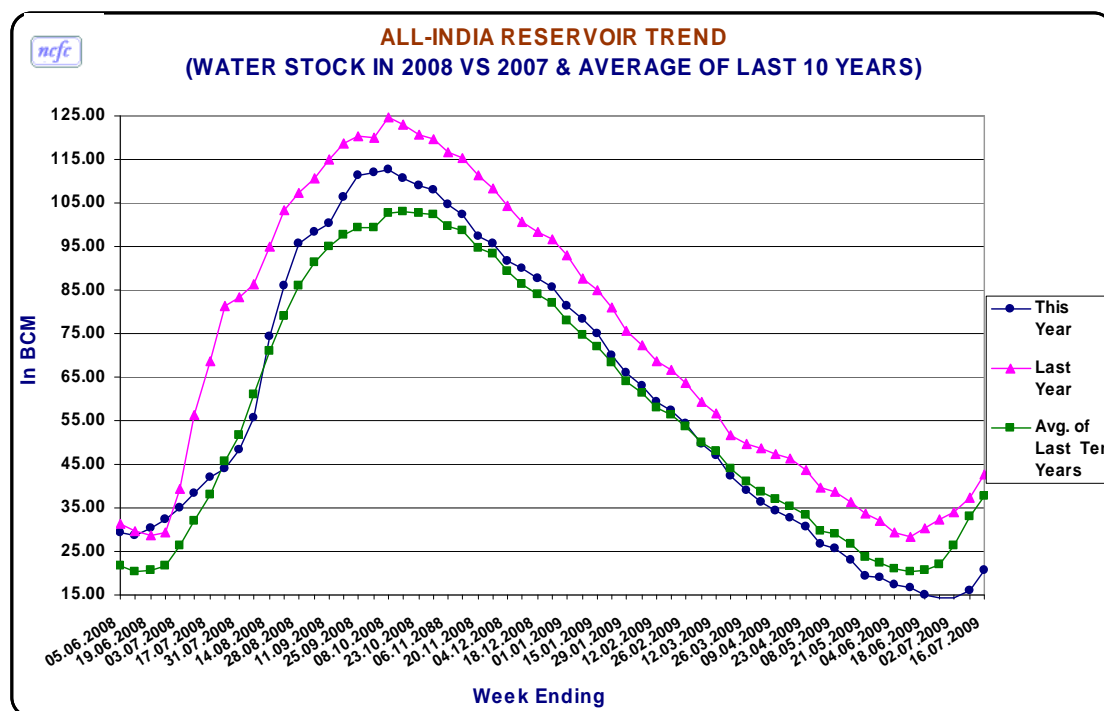
Period	Current Year's Storage as % of FRL*	Current Year's storage as % of last year	Current year as a % of 10 years average level
Current Week	14	48	55
Last Week	11	43	48

The percentage to live capacity at FRL was 28% on 16/07/2008, 51% on 16/07/2007, 37% on 14/07/2006 and 29% on 14/07/2005 .

\* *Live storage as % to Full Reservoir Level (FRL) of 151.77 Billion Cub. Mts.(BCM)*

Source: CWC

- There were 15 reservoirs having storage more than 80%, 27 reservoirs having storage between 50% to 80% of Normal Storage, 14 reservoirs having storage between 30% to 50% of Normal Storage and 20 reservoirs having storage below 30% of normal storage.
- There were five reservoirs namely Sriramsagar (AP), Balimela (Ori), Isapur (Maha), Yeldari (Maha) and Bhima (Maha), having no live storage.



Source: Central Water Commission

## **Fertilizer Position:**

**Table – 4: Requirement, Availability, Sales and Stock position of Major Fertilizers Urea, DAP and MOP during April, May, June & July 2009**

*(in '000 Tonnes)*

<i>Availability / Sale / Closing Stock</i>	<i>Urea</i>	<i>DAP</i>	<i>MOP</i>	<i>Complex</i>
<i>Requirement as on 1<sup>st</sup> April to 09<sup>th</sup> July, 2009</i>	<i>8897</i>	<i>3296</i>	<i>1307</i>	<i>3125</i>
<i>Availability during 1<sup>st</sup> April to 09<sup>th</sup> July, 2009</i>	<i>5769</i>	<i>3533</i>	<i>991</i>	<i>1840</i>
<i>Sales during 1<sup>st</sup> April to 09<sup>th</sup> July, 2009</i>	<i>4562</i>	<i>3168</i>	<i>888</i>	<i>1651</i>
<i>Closing Stock as on 09.07.2009</i>	<i>1207</i>	<i>366</i>	<i>103</i>	<i>189</i>
<i>Requirement for August, 2009</i>	<i>2524</i>	<i>751</i>	<i>415</i>	<i>889</i>

**Source: Fertilizer Division (DAC) / Deptt. of Fertilizer**

## **Pest & Diseases:**

- The incidence of pest & diseases generally remained below Threshold Level for most of the crops.
- No shortage of Chemical / Bio-pesticides was reported from any State / UT.

**Table:4**

All India Crop Situation - Kharif (2009) as on 17-07-2009							
Crop Name	Normal Area	Area sown reported			(In lakh hectares)		Remarks
		This Year	% of Normal	Last Year	Change vis-à-vis prev. year		
					Absolute	Percentage	
Changes in major States (abs, %)							
Rice	391.97	114.63	29.2	145.21	-30.6	-21.1	AP (-0.8, -26.3), Ass(-0.2, -4.2), Bih (-6.4, -58.2), Chhat (-5.9, 27.3), Guj (-0.7, -53.7) Har(+0.4, +4.9), Jhar (-1.1, -42.9), MP (-0.4, -7.3), Maha(-1.4, -36.3), Ori(-0.6, -4.6), Pun(-1.9, -7.9), UP (-8.8, -33.1), Uttarn(+0.5, +38.1), WB (-2.8, -35.0)
Jowar	39.12	16.57	42.4	17.16	-0.6	-3.4	AP (+0.9, +158.2), Kar (+0.3, +14.1), Maha (+2.2, +61.6), Raj (-2.8, -56.3), UP (-0.5, -39.8)
Bajra	97.01	34.67	35.7	46.01	-11.3	-24.6	Guj (-0.8, -36.4), Har (-0.8, -17.6), Kar (+1.7, +296.4), MP (-0.6, -54.0), Maha (+2.6, +310.6), Raj (-13.9, -40.2), UP (+0.4, +119.7)
Maize	68.04	46.18	67.9	47.41	-1.2	-2.6	Bih(-0.4, -19.7),Chhat (-0.8, -45.8), Guj (-0.3, -12.9), J&K (-1.1, -65.0), Jhar (-0.9, -72.0), Kar(+3.9, +83.1), MP (+0.2, +3.4), Maha (+1.7, +106.4), Raj(-1.6, -17.0), UP (-2.0, -27.6)
Total Coarse Cereals	229.62	101.90	44.4	116.05	-14.2	-12.2	AP(+0.9, +26.3), Bih (-0.4, -18.8), Chhat (-1.5, -62.3), Guj (-1.2, -26.8), Har(-0.9, -17.6), J&K (-1.1, -65.7), Jhar(-0.9, -72.0), Kar(+6.2, +81.7), MP(-0.7, -6.3), Maha (+6.3, +98.4), Ori (-0.5, -39.4), Raj (-18.49, -37.3), UP (-2.1, -18.7)
Total Cereals	621.59	216.53	34.8	261.26	-44.7	-17.1	
Tur	35.80	16.24	45.3	12.54	3.7	29.5	AP (+0.3, +46.3), Guj (-0.2, -13.8), Kar (+1.9, +193.8), MP (+0.7, +32.9), Maha(+1.3, +28.5)
Urad	24.32	8.88	36.5	8.21	0.7	8.1	Guj (-0.2, -39.2), Kar (+0.2, +45.7), MP (+0.9, +35.6), Maha (+0.4, +24.3), Raj (-0.3, -23.1)
Moong	27.34	9.03	33.0	12.24	-3.2	-26.2	Kar(+1.6, +115.9), Ori (-0.3, -78.1), Raj (-4.6, -80.3)
Others	24.23	4.23	17.5	7.75	-3.5	-45.3	
Total Pulses	111.69	38.38	34.4	40.74	-2.4	-5.8	AP(+0.5, +30.9), Chhat (-0.3, -29.4), Guj (-0.6, -22.7), Kar (+4.0, +121.8), MP (+1.7, +31.4), Maha (+1.7, +18.8), Ori (-0.6, -47.7), Raj (-8.5, -68.8)
Total Foodgrains	733.28	254.91	34.8	302.00	-47.1	-15.6	
Groundnut	53.63	25.69	47.9	27.63	-1.9	-7.0	AP (+0.6, +31.1), Guj (-2.9, -17.2), Kar (+1.7, +157.9), MP (-0.2, -13.3), Maha (-0.4, -22.4), Ori (-0.3, -55.4), Raj (-0.2, -7.4)
Soyabean	78.09	71.36	91.4	72.37	-1.0	-1.4	Guj (-0.2, -50.0), Kar (+0.3, +18.3), MP (+0.9, +2.0), Raj (-2.5, -32.9),
Sunflower	8.05	3.48	43.2	1.43	2.1	143.4	Kar (+1.7, +153.1), Pun (+0.2, +100.0)
Sesamum	17.54	5.11	29.1	7.68	-2.6	-33.5	Guj (-0.7, -46.2), Kar (+0.3, +65.0), Raj (-1.9, -58.3), TN (+0.2, +65.2)
Niger	4.31	0.15	3.5	0.33	-0.2	-54.5	
Castor	7.48	1.31	17.5	0.88	0.4	48.9	
Total Oilseed (Nine)	169.09	107.10	63.3	110.32	-3.22	-2.9	AP(+1.2, +329.9), Chhat (-0.2, -12.2), Guj(-3.4, -18.3), Kar(+4.1, +91.9), MP(+0.4, +1.0), Ori (-0.4, -47.1), Raj (-4.7, -34.0), UP (-0.2, -18.5)
Cotton	87.24	68.92	79.0	61.68	7.2	11.7	AP (+0.5, +5.9), Guj(-0.6, -3.4), Har (+0.7, +14.3), Kar (+0.9, +57.9), MP (+0.7, +12.2), Maha (+5.0, +29.1)
Sugarcane	44.02	42.50	96.6	43.79	-1.3	-2.9	AP (-0.3, -18.3), Bih(+0.8, +75.9), Kar(-0.3, -9.4), MP (-0.2, -24.7), Maha (-0.3, -4.4), UP(-0.8, -3.9),
Jute	7.98	6.89	86.4	7.06	-0.2	-2.4	
All- Crops	1041.61	480.32	46.1	524.85	-44.52	-8.5	

Source: Crops & TMOP Divisions, DAC

## Price Situation of Agricultural Commodities as submitted by the Department of Consumer Affairs

### Inflation

The all-commodity inflation rate based on Wholesale Price Index (WPI) on a point to point basis for the week ending 04.07.2009 increased to -1.21% from the previous week's level of -1.55%. The inflation rate was 12.19% during the corresponding period last year.

The inflation rate in respect of (a) Primary articles group **decreased** by 0.38% to 4.40% followed by (b) Manufactured products group by 0.14% percentage points to 0.10% (c) Fuel, power, light and lubricant group by 2.32 percentage point to (-)10.10%.

### Procurement:

**Table – 5: Progressive procurement of Rice as on 17.07.2009 (lakh tonnes)**

State	Total procurement in marketing season 2007-08 (Oct. – Sept.)	Progressive Procurement as on 17.07.2009	
		In Marketing season 2008-2009	In Marketing season 2007-2008
Andhra Pradesh	74.17	79.00	63.45
Chhattisgarh	27.43	25.90	29.71
Haryana	15.72	14.25	15.72
Kerala	1.68	2.37	1.68
Maharashtra	1.60	2.51	1.45
Orissa	23.49	26.30	22.09
Punjab	79.07	85.45	78.65
Tamil Nadu	9.68	11.36	7.89
Uttar Pradesh	28.91	36.12	27.74
Uttaranchal	1.47	3.49	1.47
West Bengal	15.08	14.56	8.69
All-India	285.02	316.55	265.05

**Table – 6: Progressive procurement of Wheat as on 17.07.2009 (lakh tonnes)**

State	Total procurement in marketing season 2008-09 (April - March)	Progressive Procurement as on 17.07.2008	
		In Marketing season 2009-2010	In Marketing season 2008-2009
Punjab	99.41	107.19	99.39
Haryana	52.37	69.12	52.31
Uttar Pradesh	31.37	38.82	31.23
Madhya Pradesh	24.10	19.18	23.37
Rajasthan	9.35	11.52	9.35
All-India	226.89	251.42	225.44